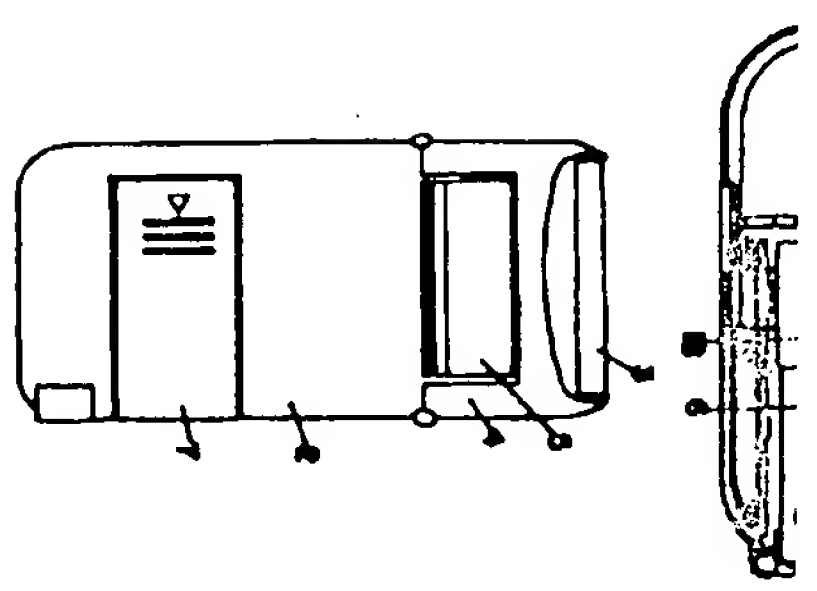


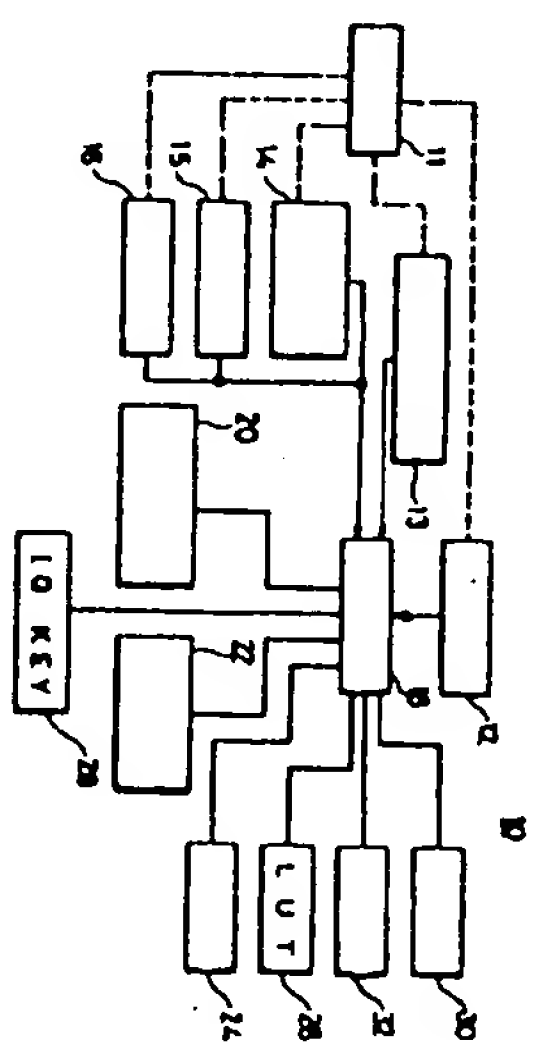
it is engaged with an engaging pin so much since as a plug is not projecting. A switch comprising a contact spring and a contact plate which make contact with each other when pressed by the hook of the lid 7 is disposed inside an equipment main body. The switch is inserted into a charging circuit located between the charging plug 6 and a storage battery 12, and breaks the circuit when the lid 7 is removed.



(54) APPARATUS FOR MEASURING LIFE OF BATTERY
 (11) 5-74501 (A) (43) 26.3.1993 (19) JP
 (21) Appl. No. 3-232029 (22) 11.9.1991
 (71) HONDA MOTOR CO LTD (72) KATSUNORI NAKATANI
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PURPOSE: To provide an apparatus for measuring the life of a battery which can measure quickly and precisely.

CONSTITUTION: A battery's life measuring apparatus is composed of a temperature detector 12 to measure the temperature of a battery 11, a remaining capacity detector 13 to detect the remaining capacity, a cycle coefficient computing circuit 20, and a life coefficient computing circuit 22. The cycle coefficient computing circuit 20 computes the cycle coefficient based on the temperature of the battery detected by the temperature detector 12 and the remaining capacity of the battery detected by the remaining capacity detector 13 and based on the obtained cycle coefficient, the life coefficient computing circuit 22 computes the remaining life of the battery. Consequently, highly precise remaining life of a battery is obtained.



14: charger connection detector, 15: current detector, 16: voltage detector, 18: control circuit, 24: memory circuit, 26: LUT, 28: IQ key, 30: displaying apparatus, 32: alarming apparatus